

ABSTRACT

AA A radio communication system includes a first base station from which a handover starts and a second base station at which the handover ends. The system additionally includes a mobile station that combines a signal from the first base station and a signal from the second base station while the handover is in progress. The system keeps the combined signal transmitted to the mobile station at a desired quality level by gradually reducing power levels of the signals transmitted from the first base station to the mobile station as the mobile station moves further from the first base station, and gradually increasing power levels of the signals transmitted from the second base station to the mobile station as the mobile station moves closer to the second base station.

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